



IN THE PARTY OF TH	HEET (PER UPS)-DUAL MAINS			
UPS RATING / POWER FACTOR	200kVA / 0.9			
INPUT VOLTAGE/BYPASS VOLTAGE	380V	400V	415V	
OUTPUT VOLTAGE	380V	400V	415V	
INPUT FREQUENCY / WIRING	40-70HZ / WIRING : 3 PH, 3 WIRE-3PH+PE			
BYPASS FREQUENCY / WIRNG	50/60HZ / WRING : 3 PH, 3 WRE-3PH+PE, 4WRE-3PH+N+PE			
UPS INPUT NOMINAL INPUT CURRENT (A)	288	273	263	
MAXIMUM INPUT CURRENT (A)	345	328	316	
INPUT CURRENT LIMITATION (A)		347		
UPS BY PASS NOMINAL CURRENT (A)	304	289	278	
OUTPUT FREQUENCY / WIRING	50/60HZ / WRING : 3 PH, 3 WIRE -3PH+PE, 4WIRE- 3PH+N+PE			
NOMINAL OUTPUT CURRENT (FULL LOAD) (A)	304	289	278	
NOMINAL BATTERY VOLTAGE (VDC)	480			
END OF DISCHARGE VOLTAGE (FULL LOAD) (VDC)	384			
BATTERY CURRENT AT FULL LOAD AND NOMNAL BATTERY VOLTAGE (A)	393			
BATTERY CURRENT AT FULL LOAD AND MINIMUM BATTERY VOLTAGE (A)	491			
THDI	< 3%@ 100% LOAD, <4% @ 50% LOAD, <6% @ 25% LOAD			
THDV	< 2%@ 100% LINEAR LOAD, < 3%@ 100% NON-LINEAR LOAD			
MAXIMUM SHORT CIRCUIT WITHSTAND	65kA @ REQUIRED BREAKER SIZE			
REQUIRED UPSTREAM INPUT BREAKER/FATING/SETTING	NSX400H Mc2.3 / 400A / lo-360A, lr(X lo)-1, lsd(X lr)-1.5-10			
REQUIRED UPSTREAM BY PASS BREAKERS/RATING/SETTING	NSX400H Mic2.3 / 400A / lo-320A, lr(X lo)-1, lsd(X lr)-8			
RECOMMENDED INPUT CABLE SIZE (Sqmm) FOR INSTALLATION METHODS B1 / B2 / C	(2) 95 / (2) 120 / (2) 70 /3 /4			
RECOMMENDED BY PASS CABLE SIZE (Sqmm) FOR INSTALLATION METHODS B1 / B2 / C	(2) 70 / (2) 95 / (1) 120 3 4			
RECOMMENDED OUTPUT CABLE SIZE (Sqmm) FOR INSTALLATION METHODS B1 / B2 / C	(2) 70 / (2) 95 / (1) 120 3			
HEAT DISSIPATION (@100% LOAD) NORMAL OPERATION	8.088kW [27595 BTU]			
HEAT DISSIPATION (@100% LOAD) ECO MODE	1.269kW [4329 BTU]			
HEAT DISSIPATION (@100% LOAD) ECCnversion MODE	1.818kW [6204 BTU]			
HEAT DISSIFATION (@100% LOAD) Battery operation	7.5kW [25590 BTU]			

- 1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
- 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
- △ 3. CABLE SIZES ARE BASED ON TABLE 52-C2/52-C4 OF IEC STANDARD 60364-5-52 WITH THE FOLLOWING ASSERTIONS:
 - 90°C CONDUCTORS.
 - AN AMBIENT TEMPERATURE OF 30°C.
 - USE OF COPPER CONDUCTORS.
- SELECTED IN ACCORDANCE WITH THE CORRECTION FACTORS OF THE IEC.
- \triangle 5. CABLE SIZES ARE BASED ON TABLE 52-C2/52-C4 OF IEC STANDARD 60364-5-52 WITH THE FOLLOWING ASSERTI
 - 90°C CONDUCTORS.
 - AN AMBIENT TEMPERATURE OF 30°C.
 - USE OF COPPER OR ALUMINIUM CONDUCTORS.

THE INSTALLER OR DESIGNER SHOULD ADJUST THE CABLE SIZE WITH GROUP REDUCTION FACTOR WHILE THE CABLES ARE TIED TOGETHER WITHOUT THE FOLLOWING EXEMPTION OF NOTE-2

(WHERE HORIZONTAL CLEARANCES BETWEEN ADJACENT CABLES EXCEEDS TWICE THEIR OVERALL DIAMETER) IN TABLE A 52-17 (52-E1).

10	DNS:
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RECOMMENDED UPSTREAM SYSTEM BY PASS / SYSTEM OUTPUT BREAKERS ¹	630A, NSX630N Mic2.3,lo(A)-630, lr(Xlo)-1, lsd(Xlr) ² -1.5-10,
ECOMMENDED SYSTEM BY PASS / LOAD CABLE SIZE (Sqmm)- COPPER CONDUCTORS (INSTALLATION METHOD - B1/B2/C)	(3)70/(3)95/(2)120 4 5 6
COMMENDED SYSTEM BYPASS / LOAD CABLE SIZE (Sqmm) - ALUMINIUM CONDUCTORS (INSTALLATION METHOD -B1/B2/C)	(3)95 / (3)120 / (2)185 4 5 6
MAXIMUM SYSTEM SHORT CIRCUIT WITHSTAND	35kA
OR OTHER BREAKER WITH EQUIVALENT ELECTRONIC TRIP UNIT FOR RATIN	NG.
SIGN MUST BE SET BY THE INSTALLER BASED ON THE INSTALLATION COOF	RDINATION.

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(3)70 / (3)95 / (2)120 4 5 6
(3)95 / (3)120 / (2)185 4 5 6
35kA
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ELECTRICAL DATA SHEET (SYSTEM) -SINGLE/DUAL MAINS

ELECTRICAL DATA SHEET (PER UPS)-SINGLE MAINS

380V

380V

288

345

304

200kVA / 0.9

400V

40-70HZ / WIRING: 3 PH, 3 WIRE-3PH+PE

4WIRE- 3PH+N+PE

273

328

347

50/60HZ / WIRING: 3PH, 3 WIRE -3PH+PE,

4WIRE- 3PH+N+PE

480

384

393

491

< 3%@ 100% LOAD, <4% @ 50% LOAD,

<6% @ 25% LOAD < 2%@ 100% LINEAR LOAD,

< 3%@ 100% NON-LINEAR LOAD 65kA @ REQUIRED BREAKER SIZE

NSX400H Mic2.3 / 400A / lo-360A, lr(X lo)-1, lsd(X lr)-7

(2) 95 / (2) 120 / (2) 70

(2) 70 / (2) 95 / (1) 120

8.088kW [27595 BTU]

1.269kW [4329 BTU]

1.818kW [6204 BTU]

7.5kW [25590 BTU]

415V

415V

263

316

278

UPS RATING / POWER FACTOR

INPUT VOLTAGE

OUTPUT VOLTAGE

INPUT FREQUENCY / WIRING

UPS INPUT NOMINAL INPUT CURRENT (A)

MAXIMUM INPUT CURRENT (A)

INPUT CURRENT LIMITATION (A)

OUTPUT FREQUENCY / WIRING

NOMINAL OUTPUT CURRENT (FULL LOAD) (A)

NOMINAL BATTERY VOLTAGE (VDC) END OF DISCHARGE VOLTAGE (FULL LOAD) (VDC)

BATTERY CURRENT AT FULL LOAD AND NOMINAL

BATTERY VOLTAGE (A) BATTERY CURRENT AT FULL LOAD AND MINIMUM

BATTERY VOLTAGE (A)

THDI

THDV

MAXIMUM SHORT CIRCUIT WITHSTAND

REQUIRED UPSTREAM INPUT BREAKER/RATING/SETTING RECOMMENDED INPUT CABLE SIZE (Sqrm) FOR

INSTALLATION METHODS B1 / B2 / C RECOMMENDED OUTPUT CABLE SIZE (Sgmm) FOR

INSTALLATION METHODS B1 / B2 / C HEAT DISSIPATION (@100% LOAD) NORMAL OPERATION

HEAT DISSIPATION (@100% LOAD) ECC MODE

HEAT DISSIPATION (@100% LOAD) ECOnversion MODE

HEAT DISSIPATION (@100% LOAD) Battery Operation

- 1. OR OTHER BREAKER
- 2. Isd MUST BE SET BY

GALAXY VM Input: 380/400/415V AC 40-70HZ 3PH SINGLE/DUAL MAINS Schneider Output: 380/400/415V AC 50/60HZ 3PH 400kVA 200kVA 2N+1 UPS WITH MODULAR BATT CAB & SBC 🗗 Electric ELECTRICAL SPECIFICATIONS PROJECT: DRAWINGS SHEET 3 OF 3

;	DWG NO: GVM200KHSBCMBC10R3-SD			REV.
	DRAWN:	BALAMURUGAN	20-APR-16	ANGLE
'	ENGINEER:	S ANDERSEN/W ZHU	20-APR-16	PROJECTION
,	APPROVED:	M PAULSEN	20-APR-16	N/A